

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	53	((transmission or (transmission adj line) or (communication adj line) or channel) adj (length or estimation)) and (FEXT or ethernet or LAN) and (((symbol or transmission or bit or signal) adj rate) or mbps or frequency) with (divi\$4 or decimat\$4) and (magnitude or amplitude or squar\$2 or power) same (mapping or (look adj up) or conversion) adj table	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/24 09:59
L2	53	L1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/24 10:00
L3	12430	(375/229 or 375/230 or 375/231 or 375/232 or 375/233 or 375/340 or 375/222 or 375/219 or 375/345 or 375/350 or 375/220 or 370/201 or 370/437 or 370/453 or 375/286 or 375/276).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 10:00
L4	5	2 and L3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/24 10:00
S1	2	("6201796").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/09 11:11
S2	28	("5181198"   "5307405"   "5388092"   "5517435"   "5526347"   "5539773"   "5604741"   "5659609"   "5668802"   "5694437"   "5796725"   "5812537"   "5828657"   "5864545"   "6014374").PN. OR ("6201796").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:20

## EAST Search History

S3	17	("5181198"   "5307405"   "5388092"   "5517435"   "5526347"   "5539773"   "5604741"   "5659609"   "5668802"   "5694437"   "5796725"   "5812537"   "5828657"   "5864545"   "6014374"   "6201796").PN. OR ("6819709").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 11:18
S4	2	("5293401").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/09 11:19
S5	2	("20030147476").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/09 11:25
S6	2	("7248629").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/09 11:25
S7	2283	((transmission or (transmission adj line) or (communication adj line) or channel) adj (length or estimation)) and (FEXT or ethernet or LAN)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 13:37
S8	3	S7 and ("15.625" same "31.25")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:35
S9	5	(FEXT or ethernet or LAN) and ("15.625" same "31.25")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:32

## EAST Search History

S10	301	S7 and (symbol adj rate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:35
S11	25	S7 and (symbol adj rate) with (divi\$4 or ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:42
S12	133	S7 and ((symbol or transmission or bit) adj rate) with (divi\$4 or ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 13:36
S13	46	S7 and ((symbol or transmission or bit) adj rate) near4 (divi\$4 or ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:34
S14	2	("7027504").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/09 11:49
S15	40	((transmission or (transmission adj line) or (communication adj line) or channel) adj (length or estimation) same ((equalizer or tap) adj coefficients)) and (FEXT or ethernet or LAN)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:45
S16	8	S15 and ((symbol or transmission or bit) adj rate) with (divi\$4 or ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:55

## EAST Search History

S17	6	("20030095589"   "20050047536"   "5949821"   "6122325"   "6330290").PN. OR ("7123896").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 12:11
S18	2	("6466629").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/09 12:11
S19	15	("4509036"   "5315585"   "5652772").PN. OR ("6466629").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 12:30
S20	4	("6904110").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/09 12:32
S21	2	("6965657").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/09 12:32
S22	5	S7 and ((symbol or transmission or bit) adj rate) with decimat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:35
S23	5	("7203256").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/09 12:37
S24	5	("20030112860"   "20050084044"   "5251237"   "5909426"   "7136111").PN. OR ("7203256").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 12:37
S25	3	("6754262"   "6771591").PN. OR ("7136111").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 12:41

## EAST Search History

S26	11	("5345273"   "5406586"   "5483557"   "5844941"   "5909466"   "6240133"   "6442221").PN. OR ("6754262").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 12:42
S27	0	((transmission or (transmission adj line) or (communication adj line) or channel) adj (length or estimat\$3) same ((equalizer or tap) adj coefficients)) and (FEXT or ethernet or LAN) and (two adj path) and decimat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:46
S28	0	((transmission or (transmission adj line) or (communication adj line) or channel) adj (length or estimat\$3) same ((equalizer or tap) adj coefficients)) and (FEXT or ethernet or LAN) and decimat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:47
S30	171	((transmission or (transmission adj line) or (communication adj line) or channel) adj (length or estimation)) and (FEXT or ethernet or LAN) and decimat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:47
S31	31	S30 and two adj path	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:47
S32	1205	((transmission or (transmission adj line) or (communication adj line) or channel) adj (length or estimation)) and (FEXT or ethernet or LAN) and (((symbol or transmission or bit or signal) adj rate) or mbps or frequency) with (divi\$4 or decimat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 13:45
S33	169	S32 and (mapping or (look adj up) or conversion) adj table	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 13:40

## EAST Search History

S35	166	S33 and (magnitude or amplitude or squar\$2 or power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 13:45
S36	53	((transmission or (transmission adj line) or (communication adj line) or channel) adj (length or estimation)) and (FEXT or ethernet or LAN) and (((symbol or transmission or bit or signal) adj rate) or mbps or frequency) with (divi\$4 or decimat\$4) and (magnitude or amplitude or squar\$2 or power) same (mapping or (look adj up) or conversion) adj table	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/24 09:59
S37	2	((transmission or (transmission adj line) or (communication adj line) or channel) adj (length or estimation)) and (FEXT or ethernet or LAN) and (((symbol or transmission or bit or signal) adj rate) or mbps or (frequency adj response)) with (divi\$4 or decimat\$4) and (magnitude or amplitude or squar\$2 or power) same (mapping or (look adj up) or conversion) adj table	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 13:59
S38	2	("5533054").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/09 13:59
S39	11772	(375/229 or 375/230 or 375/231 or 375/232 or 375/233 or 375/340 or 375/222 or 375/219 or 375/345 or 375/350 or 375/220 or 370/201 or 375/286 or 375/276).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:26
S40	162	(channel adj (estimat\$4 or characteristics or length)) and ((master same slave) with (transceivers or modems))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:28
S41	3	(channel adj (estimat\$4 or characteristics or length)) same ((master same slave) with (transceivers or modems))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:48

## EAST Search History

S42	12410	(375/229 or 375/230 or 375/231 or 375/232 or 375/233 or 375/340 or 375/222 or 375/219 or 375/345 or 375/350 or 375/220 or 370/201 or 370/437 or 370/453 or 375/286 or 375/276).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:26
S43	38	S40 and S42	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:28
S44	33	S43 and ((symbol or data or signal or bit or transmission) adj rate)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:27
S45	34	(channel adj (estimat\$4 or characteristics or length)) same ((symbol or data or signal or bit or transmission) adj rate) and ((master same slave) with (transceivers or modems))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:35
S46	5	S45 and S42	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:38
S47	23	("5359593"   "5479447"   "5598435"   "5987069"   "6072779"   "6088387"   "6101223").PN. OR ("6310909").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:34
S49	0	((channel adj (estimat\$4 or characteristics or length)) same (((symbol or data or signal or bit or transmission) adj rate) or (frequency adj response)) and ((master same slave) with (transceivers or modems))).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:49
S51	186	((channel adj (estimat\$4 or characteristics or length)) same (((symbol or data or signal or bit or transmission) adj rate) or (frequency adj response))).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:50
S52	22	((channel adj (estimat\$4 or characteristics or length)) same (((symbol or data or signal or bit or transmission) adj rate) or (frequency adj response)) and ((transceivers or modems))).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:47
S53	8	S52 and S42	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:48

## EAST Search History

S57	0	((channel adj (estimat\$4 or characteristics or length)) same ("43" same "6") and ((master same slave) with (transceivers or modems)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:42
S58	6	((channel adj (estimat\$4 or characteristics or length)) and ("43" same "6") and ((master same slave) with (transceivers or modems)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:42
S59	0	((channel adj (estimat\$4 or characteristics or length)) and ("15.625" same "31.25") and ((master same slave) with (transceivers or modems)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:43
S60	0	("15.625" same "31.25") and ((master same slave) with (transceivers or modems))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:43
S61	163	("15.625" same "31.25")	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:43
S62	3	("15.625" same "31.25") and transceivers	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:48
S63	2	("6201796").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/19 10:56
S64	28	("5181198"   "5307405"   "5388092"   "5517435"   "5526347"   "5539773"   "5604741"   "5659609"   "5668802"   "5694437"   "5796725"   "5812537"   "5828657"   "5864545"   "6014374").PN. OR ("6201796").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 10:59
S65	430	375/231.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/19 11:01
S66	2	("6590930").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/24 08:44



## EAST Search History

S67	6	("5818378"   "6421381"   "6438163").PN. OR ("6590930"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:45
S68	59	("20020114383"   "20020161539"   "20020161542"   "20020168001"   "20020169585"   "20030018981"   "20030152180"   "20030210752"   "20040013178"   "20040013208"   "20040019443"   "20040022195"   "20040044489"   "20060007991"   "20060007992"   "20060007993"   "20060067239"   "3962637"   "4539675"   "4547633"   "4677647"   "4789994"   "4859951"   "5099436"   "5155742"   "5166954"   "5210774"   "5351247"   "5448369"   "5481195"   "5481564"   "5661668"   "5751766"   "5872815"   "6055119"   "6061393"   "6160673"   "6226356"   "6233274"   "6278730"   "6385237"   "6385561"   "6414990"   "6434233"   "6448781"   "6529549"   "6534996"   "6590930"   "6650699"   "6650768"   "6661761"   "6674518"   "6697768"   "6744854"   "6833875"   "6856655"   "6901243"   "6934655"   "6985521").PN. OR ("7239680"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:46
S69	17	("20010048667"   "5251018"   "5731706"   "5844940"   "5870429"   "5967853"   "5997358"   "6060890"   "6194889"   "6240554"   "6345323"   "6370191"   "6434374"   "6567464"   "6571393"   "6590930"   "6972786").PN. OR ("7221389"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:47
S70	22	((channel adj (estimat\$4 or characteristics or length)) same (((symbol or data or signal or bit or transmission) adj rate) or (frequency adj response)) and ((transceivers or modems))).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:47

## EAST Search History

S71	12430	(375/229 or 375/230 or 375/231 or 375/232 or 375/233 or 375/340 or 375/222 or 375/219 or 375/345 or 375/350 or 375/220 or 370/201 or 370/437 or 370/453 or 375/286 or 375/276).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:48
S72	22	((channel adj (estimat\$4 or characteristics or length)) same (((symbol or data or signal or bit or transmission) adj rate) or (frequency adj response)) and ((transceivers or modems))).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:48
S73	8	S72 and S71	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:48
S74	3	(channel adj (estimat\$4 or characteristics or length)) same ((master same slave) with (transceivers or modems))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:48
S75	3	("15.625" same "31.25") and transceivers	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:48
S76	0	((channel adj (estimat\$4 or characteristics or length)) same (((symbol or data or signal or bit or transmission) adj rate) or (frequency adj response)) and ((master same slave) with (transceivers or modems))).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:49
S77	0	S76	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:49
S78	186	((channel adj (estimat\$4 or characteristics or length)) same (((symbol or data or signal or bit or transmission) adj rate) or (frequency adj response))).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:50
S79	186	S78	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 08:50